

What Is Claimed Is:

1. A method of providing a user with information at a receiver in a digital broadcast system comprising the steps of:

5 receiving content segments at said receiver, said content segments corresponding to respective partitions of content files being transmitted in said digital broadcast system, said content segments being transmitted with control data indicating which of said content segments relate to which of said content files, some of said content files being on-demand files and provided with a file identification code indicating that said content can be selected for on-demand play back at said receiver;

10 storing at least one said file identification code corresponding to a selected one of said on-demand files in a memory device;

5 SUB 37
determining which received said content segments correspond to the selected said on-demand file using said control data, and said file identification code in said memory device; and

15 storing said content segments corresponding to said on-demand file in said memory device.

2. A method as claimed in claim 1, further comprising the step of monitoring which of said content segments corresponding to said on-demand file are stored in said
20 memory device and which said content segments have not yet been received.

3. A method as claimed in claim 2, further comprising the step of generating a message via an output device provided on said receiver to indicate when all of said content segments corresponding to said on-demand file available for retrieval from said
25 memory device for playback via said receiver.

4. A method as claimed in claim 3, wherein said storing step comprises the step of allocating a portion of said memory device for said on-demand file.

30 5. A method as claimed in claim 4, further comprising the steps of:

receiving rebroadcast data relating to rebroadcast of said on-demand file;
determining when said portion of said memory device is storing a selected
amount of said on-demand file; and

operating said receiver to capture the remainder of said on-demand file in
5 accordance with said rebroadcast data after said selected amount of said on-demand file
has been received.

6. A method as claimed in claim 5, wherein said rebroadcast data indicates at least
one of a rebroadcast time, a rebroadcast date, and a channel used to transmit said on-
10 demand file.

7. A method as claimed in claim 6, further comprising the step of automatically
tuning said receiver to said channel indicated via said rebroadcast data at said rebroadcast
15 time.

8. A receiver in a digital broadcast system comprising:
a memory device for storing content transmitted in a broadcast signal using said
digital broadcast system, the content comprising on-demand data files which, if
transmitted continuously in said broadcast signal, may require a significant amount of the
20 instantaneous bandwidth of said digital broadcast system, said on-demand data files each
being partitioned into segments that are interspersed in said broadcast signal, said
broadcast signal being provided with at least one header comprising file identification
codes to identify each of said on-demand data files being transmitted in said broadcast
signal and segment information to indicate which of said segments in said broadcast
25 signal correspond to which of said on-demand data files transmitted therein, said
memory device also storing said file identification codes of selected said on-demand data
files;

a reception device for receiving said broadcast signal; and
a processing device connected to said memory device and said reception device
30 and being programmable to process the received said broadcast signal to obtain at least

005201-0256960

part of said content transmitted therein including said segments corresponding to the selected said on-demand data files using said file identification codes stored in said memory device, and to store said segments of the selected said on-demand data files in said memory device.

5

9. A receiver as claimed in claim 8, wherein said processing device is operable to monitor the progress of storing said segments of the selected said on-demand data files using said segment information.

10

10. A receiver as claimed in claim 8, further comprising an output device connected to said processing device, said processing device being operable to generate an alert message when all of said segments corresponding to one of the selected said on-demand data files have been received.

15

11. A receiver as claimed in claim 10, wherein said output device comprises at least one of a display device and a speaker device, said alert message comprising at least one of a message generated on said display device and an audible message generated via said speaker device.

20

12. A receiver as claimed in claim 8, wherein a portion of said memory device is allocated for at least one of the selected said on-demand data files, said receiver being provided with rebroadcast data indicating when said on-demand data files are being retransmitted via said digital broadcast system, said processing device being operable to determine when a selected amount of said portion of said memory device is being used to store said on-demand data file and to automatically operate said receiver to receive the remaining said segments corresponding to said on-demand data file using said rebroadcast data.

25

13. A receiver as claimed in claim 12, wherein said rebroadcast data comprises at least one of a rebroadcast time, a rebroadcast date, and a channel used to transmit said

30

005207-025000

on-demand file, said processing device being operable to automatically tune said receiver to said channel indicated via said rebroadcast data at said rebroadcast time.

5

005207 02T56960